PROJECT NUMBER: 0008
PROJECT TITLE: Computer Applications/General Support Group
PROJECT LEADER: G. Davis
PERIOD COVERED: May 20 - June 17, 1988

I. COMPOSER/UNIX TRAINING (G. Davis & J. Lawson)

A. **Objective**: Provide training and support for Unix and the WMC text processing package. Conduct training, user support and implementation of software revisions as they become available. Design WMC customized templates for the R&D Community. Maintain consistency of WMC menus and configuration files across all systems.

B. **Results**: Recompiled the Master and Site Dictionaries including more tobacco terms to alleviate the constant user dictionary size problem. Common dictionaries are now available on all systems. Did a test run for CAD on the WMC database interface to the label program, making recommendations including the creation of a global glossary item which reduced the instructions from 10 pages to 3. Consulted with Marian Debardeleben on creating a WMC database for form output.

Worked with special files for Rhonda Donovan in preparation for converting her to a postscript printer.

C. **Plans**: The General Support Group will continue to hold any Composer Classes and support Composer as necessary. Documentation on the WMC interface to label program will be available on a request basis and a possible class for secretaries/library/Central File will be held. Several new templates have been requested for addition to the WMC menu. Current plans are to create a directory of WMC templates where anyone can copy from that directory.

II. Ful/Text/SCANNER: (G. Davis)

A. **Objective:** Become familiar with the Ful/Text product and the Palantir scanner targeted for Central File to decrease the paper backlog in R&D's warehouse of an estimated 10 million pages. Implement and become resident expert for the above two products. Become familiar with Paint product for enhancing scanned images with the Palantir scanner.

B. **Results:** Created a reprints collection for B. LaRoy. Waiting to confirm Ful/Text training direction from Central File staff. Learned all aspects of SolarPaint. Took a printed image from Interleaf, scanned on the Palantir, rasterized it, brought it up in SolarPaint, made modifications and printed. Have requested twice from Deloris specific jobs she has in mind in order for me to evaluate SolarPaint as a possible package for Central File. Still waiting for her response. Scanned images for Miles and Trish. Scanned several pages of CCTS with the Palantir in hopes

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of getting clean data on-line for Maggie Southwick. First pass of this data was very poor.

C. **Plans:** Continue support on above. Continue learning about Ful/Text in regards to customization. Conduct Ful/Text training and determine support needs for Central File. Further work will be done after receiving word from Deloris. Teach Trish how to scan.

III. **BASIS (G. Davis, J. Lawson & S. Jensen)**

A. **Objective:** Provide back-up for Alice Lewis in Basis database design and support. Continue to support Engineering Department Central File in database usage.

C. **Results:** (S. Jensen) We have partially resolved the problem of the Phantom spaces that have shown up in the engineering docs database. The fix was initiated. The data is now clean and searches produce valid results, however, a "look" on the affected fields still displays the phantom spaces. Apparently there is a link somewhere in basis that was not broken with the fix we did. This will be pursued further.

Once again we had a major problem with the /tmp/basislocks file. After smaug took a partial crash, this file was destroyed. The users who were in basis did not realize anything had happened until they tried to exit and could not. We were able to kill their processes and restore order, however, Marian Debardeleben lost a weeks worth of work.

The MES and MATER databases have been converted from the 700.

C. **Plans:** To remain accessible to the basis users. To move Central File's databases from rmnt2 to usr/hd/smaugh7.

IV. **SOFTWARE: (G. Davis & J. Lawson)**

A. **Objective**: Evaluate new software as needed such as Interleaf, Centrum, Alice, Ful/Text, ProChart, Profs.

B. **Results:** SolarPaint has been investigated as a possible graphics package for Central File. Profs has been taught to all secretaries whose Manager/Director has an account. Worked with IS in getting Manuel Bourlas set up with equipment to use PROFS while he is in the states for this month. Recreated the Philip Morris Pop-Up menu in Interleaf. This menu somehow got trashed in the Sun conversions. Worked on a very limited scale with ProChart. Starting going through the Centrum Quick-Start documentation working with Centrum.

C. **Plans:** Support any of the above products as they become production. Evaluate software as it becomes available on the system.

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V. PED SUPPORT (S. Jensen)

A. Objective: Provide programming and maintenance support in C language to the R&D staff as needed.

B. Results: The recent project request for a program to support the newly created sidestream panel has produced some major ramifications that will effect the current structure of the smoking and odor panels. At a meeting with Melissa Jeltema, Loraine Watt, and myself it was determined that a consolidated point system was needed among the three panels. There are many panelists who are on more than one panel. Because of this, the programs needed to administer the awarding of points and selecting of gifts without a consolidated point system would be difficult to write and maintain.

The current concept of each panel existing as a separate entity needs to be replaced with the concept of a single system. In this system some files and programs would be shared while others would remain unique to each panel. The object of this restructuring is to make the system more flexible and easier to maintain. It will be easier to maintain because the system concept will result in the consolidating or eliminating of programs currently needed to support the individual panels. Also, all data files will be structured identically, allowing for easy program changes or system expansion. Finally, the system concept will allow for greater flexibility in future expansion of new types of panels and deletion of old.

Two of the new programs have been written, demoed, modified as the result of the demo and delivered to the user.

Time was spent this month helping Fay West in creating and printing labels and ballots using the Label and Ballot programs. Some minor bugs were found and resolved, overall both programs are running very well in the user community.

C. Plans: To continue with the rework of the PED panels from the concept of individual entities to a single system. To continue support and maintenance of develoPED programs.

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